

S_N2 Factors:

<u>S</u>ubstrate	<u>N</u>ucelophile	<u>L</u>eaving Group	<u>S</u>olvent
Electron-poor	Negative charge	Weak base	Exposes nucleophilie
Methyl halide	Increased strength = increased size	Increased electronegativity of halogen	Solvates cations (+)
Primary halide	Increased electron cloud = increased rate of reaction	Tosylate OTs	Does NOT form hydrogen-bonds
Secondary halide	Increased strength = decreased steric bulk	Mesylate OMs	Acetone
Achiral or chiral	Increased strength = decreased electronegativity	Triflate OTf	DSMO